

Appl. No. 09/905,274
Atty. Docket No. 8609
Amdt. dated May 3, 2006
Reply to Office Action of February 6, 2006
Customer No. 27752

Amendments to the Specification:

Please replace the paragraph beginning at page 9 line 8, with the following amended paragraph.

FIG. 5 shows a cross-section of the driven pleat forming board taken at the center of an upper drive roll 31. The driven elements need not be limited to rollers, for example, drive belts or feet in traction with the web can be used. Upper roller 31 has equally, or unequally, spaced clearance grooves 52 around the periphery of roller 31. A clearance groove 52 allows upper roll 31 to extend beyond upper blade 29 and contact the upper surface of web 20. Web 20 is driven due to a differential friction between roll 31 and blade ~~30~~ 29. Blades 29, 30 are preferably made from a smooth material with a low coefficient of friction. The surface of roll 31 is preferably a compliant material with a high coefficient of friction against the web, for example, rubber or urethane. The axis of roll 31 can be held horizontal and the drive roll 31 loaded by a normal force against web 20 to insure that roll 31 remains in traction with web 20. Alternatively, or additionally, as shown in the cross-sectional view of FIG. 6, lower drive roll 32 may engage the lower surface of the web 20. Drive rolls 31, 32 are driven at a surface speed to match the surface speed of the transported web. Drive rolls 31, 32 provide energy to the web 20 to drive it through folding board 28.